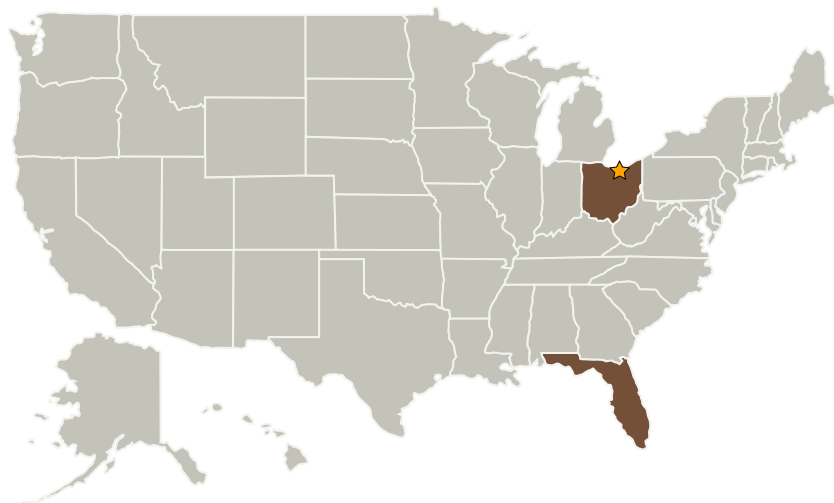


# Improving Off-Design Nozzle Performance Using Fluidic Injection, Phase I

Completed Technology Project (2003 - 2003)



## Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★ Glenn Research Center (GRC)	Lead Organization	NASA Center	Cleveland, Ohio
Spiritech, Inc.	Supporting Organization	Industry	Jupiter, Florida

### Primary U.S. Work Locations

Florida	Ohio
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Improving Off-Design Nozzle Performance Using Fluidic Injection, Phase I

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## Organizational Responsibility

### Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

### Lead Center / Facility:

Glenn Research Center (GRC)

### Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

# Improving Off-Design Nozzle Performance Using Fluidic Injection, Phase I

Completed Technology Project (2003 - 2003)



## Project Management

**Program Director:**

Jason L Kessler

**Program Manager:**

Carlos Torrez

**Principal Investigator:**

Eric J Gamble

## Technology Areas

**Primary:**

- TX01 Propulsion Systems
  - └ TX01.2 Electric Space Propulsion
    - └ TX01.2.4 Electrothermal